AUTOMATIC MOBILE PLATFORM

AUTOMATIC XRF PLATING THICKNESS INSTRUMENT
CODE XRF-FA350

VIDEO



- According to DIN ISO 3497, DIN 50987, and ASTM B568
- For large parts, irregularly shaped parts, and multi-point testing of tiny parts
- Equipped with zoom technology, it allows non-destructive testing of irregular components with depth from 0 to 70mm
- Equipped with AI image recognition function, it enables automatic, intelligent, and online detection
- Equipped with an automatic programmable mobile platform, it allows automatic detection of large batches of samples
- Core EFP algorithm for the simultaneous analysis of 23 types of plating and 24 elements

SPECIFICATION

Plating analysis	range of elemental analysis	Li(3)-U(92)
	detection limit	0.01μm
	range of plating thickness	0.01~80μm
Analysis time		0~40s
Detector		high-efficiency proportional detector
X-ray device		microfocus enhanced ray tube
Collimator		Ø0.2mm
Spot spread at the nearest measurement distance		<10%
Distance to zoom		0~70mm
Sample observation		1/2.7" color CCD with zoom functionality
Focusing method		high-sensitivity probe featuring imperceptible auto-focusing
Movement mode of sample stage		automatic high-precision XY platform
Movement range of XY-axis		210×230mm
Movement range of Z-axis		145mm
Working environment		15°C~30°C, <70%RH
Power supply		AC110/220V, 50/60Hz, 150W
Dimension (L×W×H)		535×760×635mm
Weight		120kg

STANDARD DELIVERY

Main unit	1 pc
Computer	1 set
Printer	1 pc
Accessory case	1 pc
12 elemental tablets	1 set
Ni standard sheet	1 pc
Ag standard sheet	1 pc

OPTIONAL ACCESSORY

Plating solution measuring cup	XRF-PT230-MC
Solution test membrane	XRF-PT230-SF
Au standard sheet	MSS-P01
Cr standard sheet	MSS-P02
Cu standard sheet	MSS-P03
Zn standard sheet	MSS-P04